

Exhibit R



**UNITED STATES
PATENT AND TRADEMARK OFFICE**

Assignment abstract of title for Application 10017398

Invention title/Inventor	Patent	Publication	Application	PCT	International registration
METHOD AND APPARATUS FOR ADDRESS ALLOCATION IN GPRS NETWORKS THAT FACILITATES END- TO-END SECURITY Senthil Sengodan	7443859 Oct 28, 2008	20030112793 Jun 19, 2003	10017398 Dec 18, 2001		

Assignments (4 of 4 total)

Assignment 4

Reel/frame	Execution date	Date recorded	Properties	Pages
056990/0081	May 28, 2021	Jun 01, 2021	3899	190

Conveyance

SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 3

Reel/frame	Execution date	Date recorded	Properties	Pages
052372/0540	Nov 26, 2019	Apr 10, 2020	53	22

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
035602/0257	Jan 16, 2015	May 10, 2015	25	4

Conveyance

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Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
012400/0759	Dec 18, 2001	Dec 18, 2001	1	4

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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